



OIL PIPE LINE TRANSPORT

July, 1960

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Net deliveries of oil through Canadian pipe lines totalled 25,743,075 barrels in July, a small rise of 3.5 p.c. over the July, 1958 total of 24,869,809. The daily average delivery of 830,422 barrels compared with 802,252 last year and 796,142 in June 1960. Barrel miles rose 1.7 p.c. to 9,432 million from 9,278 one year earlier although the average length of haul fell slightly to 244.9 from 254.2 miles, the first decline since January, 1960.

Net deliveries for the period January-July showed a rise of 3.7 p.c. to 188,004,227 barrels from 179,325,682 in 1959. Provincial deliveries, in barrels, for the seven month period were as follows (1959 data in brackets): Yukon Territory, 164,986 (monthly data not available for 1959); British Columbia, 25,687,614 (19,952,871); Alberta, 13,212,073 (13,219,161); Saskatchewan, 10,907,724 (11,034,849); Manitoba, 63,142,330 (57,787,966); Ontario, 27,985,234 (26,758,012); and Quebec, 46,904,266 (50,572,832). Included in Manitoba deliveries were 56,817,578 barrels (51,544,338) transferred to the Lakehead Pipe Line Company at Gretna, the bulk of which moved through the United States destined to Ontario refineries. Exports via pipe line are shown in a footnote to Table 4.

Net receipts for the month of July amounted to 26,347,813 barrels compared with 24,596,047 last year. The July receipts were comprised of 10,402,112 barrels of Alberta crude and 27,805 barrels of Alberta natural gasoline, 4,714,917 barrels of Saskatchewan crude, 390,416 barrels of Manitoba crude, 6,926,639 barrels of imported crude and 3,885,924 barrels of refinery products.

Gathering systems handled an average of 520,446 barrels per day in July, an increase of 8.9 p.c. over the July 1959 total of 478,111. Trunk line deliveries at 1,242,280 barrels per day were up 5.5 p.c. from the 1,177,363 recorded in the previous year.

The number of employees for the month was 1,616, higher than in any month in the past year, while salaries and wages at \$828,529 were the highest since August, 1957.

Since the beginning of the year two additional lines have commenced reporting. These are Alaska-Yukon Pipelines Ltd., operating a products line from a point on the Alaska-Yukon Border to Whitehorse, Yukon Territory and Yukon Pipelines Limited, operating a products line from Summit, British Columbia to Whitehorse, Yukon Territory.

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Revenue and employee data for the Anglo American Exploration, Ltd., Goliad Oil and Gas Company and the Sarnia Products Pipe Line Division of Imperial Oil Ltd., are not available for this report as the pipe line operation forms only a part of the activities of these companies and is not separable. For the same reason revenue data of the Alaska-Yukon Pipelines Ltd., and employee data of the Amurex Oil Company, Anglo-Canadian Oils Limited, Key Pipe Line Co. Ltd., Nisku Products Pipe Line Company Limited, Peace River Oil Pipe Line Co. Ltd., Royalite Oil Company Limited (Mid-Saskatchewan Pipe Line Dept. and Valley Pipe Line Dept.) and Westspur Pipe Line Company have been omitted. Data on the activities of these companies have been included in all other applicable sections of the report.

Net totals given in Table 6 exceed those in Tables 1 and 2 because of duplications resulting from inter-company transfers of oil. These differences are accounted for in the following table.

	Barrels
Total Received into Systems - all companies -	
during July, 1960 per table 6	315,948,657
Received into Trunk Lines from other Canadian Pipe Lines	128,108,053
"Net Received" into Canadian Pipe Line Systems	187,840,604
"Net Received" into Trunk Systems per table 1	79,859,635
"Net Received" into Gathering Systems per table 2	107,980,969
Total Delivered out of Systems - all Companies -	
during July, 1960 per table 6	321,422,433
Delivered to other Canadian Pipe Lines	133,418,206
"Net Delivered" from Canadian Pipe Line Systems	188,004,227
"Net Delivered" from Trunk Systems per table 1	182,429,670
"Net Delivered" from Gathering Systems per table 2	5,574,557

The fluctuations which occur in Shippers' and Carriers' balances monthly are accounted for by each company in a "monthly oil balance" statement. The oil balances have been tabulated for all companies for July and are given herewith:

OIL BALANCE - ALL COMPANIES - July, 1960

	Barrels	
Total Shippers' Balances - January 1, 1960	10,887,060	
Total Carriers' Balances - January 1, 1960	1,194,848	12,081,908
Received into Gathering Systems January 1 to July 31, 1960	113,756,696	
Received into Trunk Systems January 1 to July 31, 1960	280,325,509	394,082,205
Total oil accountable for period		406,164,113
Delivered from Gathering Systems January 1 to July 31, 1960	113,681,195	
Delivered from Trunk Systems January 1 to July 31, 1960	280,109,320	393,790,515
Balance to be accounted for January 1 to July 31, 1960		12,373,598
Oil consumed as fuel and losses January 1 to July 31, 1960		184,606
Balance on hand - July 31, 1960		12,188,992
Total Shippers' Balances - July 31, 1960	10,964,677	
Total Carriers' Balances - July 31, 1960	1,224,315	

The Interprovincial Pipe Line Company operates almost 1,700 miles of line in Canada from Edmonton to the International border near Gretna, Manitoba. In addition to this, the company operates 166 miles of line which enters Canada from the United States at Sarnia and extends to Port Credit in Ontario. The Sun Pipe Line Company also operates lines across the St. Clair River from the United States to Sarnia. Oil delivered at Sarnia and other points in Ontario via Interprovincial's line would be a duplication of oil already reported on the western section of the line. For this reason and because of the limited nature of their operations, oil carried by these short sections is not included in Canadian oil pipe line statistics. However, the barrel mile performance of these sections has been included with the total barrel miles shown in tables five and six. A summary of oil delivered by these two lines is shown below.

Month	Interprovincial Pipe Line Company		Sun Pipe Line Company
	Crude Oil Delivered at		Crude and Refined Oil
	Sarnia	Clarkson, Port Credit and Trafalgar	Delivered at Sarnia
	Barrels	Barrels	Barrels
July, 1959	3,958,364	1,550,648	165,425
June, 1960	4,325,189	1,856,932	171,397
July, 1960	4,072,665	1,872,119	164,492

TABLE 1

OIL^f CARRIED BY PIPE LINES - TRUNK

	July 1960	June 1960	July 1959	YEAR TO DATE 1960
	Barrels	Barrels	Barrels	Barrels
1. <u>Total Received* (2+3+4+5)</u>	39,187,811	36,607,204	36,248,306	280,325,509
Less: Received from other Canadian pipe lines -				
2. Own Gathering System	10,224,253	10,142,524	9,329,827	72,357,821
3. Other pipe lines - Gathering	7,137,847	6,377,469	6,004,409	47,501,095
4. Trunk	10,697,611	11,018,124	10,390,956	80,606,958
5. Net Received (6+7+8)	11,128,100	9,069,087	10,523,114	79,859,635
6. Originating on own trunk lines	3,997,420	3,628,730	3,794,994	31,373,726
7. Received from foreign pipe line connections	6,939,102	5,211,023	6,448,979	47,042,842
8. Received from other carriers (rail & truck)	191,578	229,334	279,141	1,443,067
9. <u>Total Delivered* (10+11)</u>	38,510,664	36,489,439	36,498,250	280,109,320
10. Less: Delivered to other Canadian trunk lines	13,601,863	13,140,603	12,468,277	97,679,650
11. Net Delivered (12+13+14)	24,908,801	23,348,836	24,029,973	182,429,670
12. Terminated on own trunk lines	15,208,092	13,794,254	14,808,713	114,087,978
13. Delivered to foreign pipe line connections	9,650,586	9,486,486	9,155,405	67,899,739
14. Delivered to other carriers (truck, rail & water)	50,123	68,096	65,855	441,953

TABLE 2

OIL^g CARRIED BY PIPE LINES - GATHERING

	July 1960	June 1960	July 1959	YEAR TO DATE 1960
	Barrels	Barrels	Barrels	Barrels
15. <u>Total Received (16+17)</u>	16,135,893	15,680,546	14,820,038	113,756,696
16. Less: Received from other gathering systems	916,180	804,123	747,105	5,775,727
17. Net Received (18+19)	15,219,713	14,876,423	14,072,933	107,980,969
18. Originating on own gathering system	14,960,881	14,600,929	13,756,510	106,025,417
19. Received from other carriers (rail & truck)	258,832	275,494	316,423	1,955,552
20. <u>Total Delivered* (21+22+23)</u>	16,133,845	15,662,865	14,821,447	113,681,195
Less: Delivered to other pipe lines -				
21. Own Trunk system	10,224,253	10,142,524	9,329,827	72,368,082
22. Other pipe lines	5,075,318	4,984,926	4,651,784	35,738,556
23. Net Delivered (24+25)	834,274	535,415	839,836	5,574,557
24. Terminated on gathering systems	697,761	396,628	701,453	4,724,170
25. Delivered to other carriers (rail & truck)	136,513	138,787	138,383	850,387

^f Includes natural gasoline and refinery products.

* Includes duplications.

^g Includes natural gasoline.

TABLE 3

OIL CARRIED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT ORIGINATED

Province		July 1960 Barrels	June 1960 Barrels	July 1959 Barrels	YEAR TO DATE 1960 Barrels
Yukon T. (1)	- Trunk	23,833	19,832	-	163,620
Alberta (2)	- Gathering	10,287,434	10,478,201	9,810,723	77,221,674
"	- Trunk	386,674	428,466	414,635	3,023,912
Saskatchewan	- Gathering	4,541,863	4,004,636	3,826,816	28,051,798
"	- Trunk	173,054	251,210	392,564	1,764,066
Manitoba	- Gathering	390,416	393,586	435,394	2,707,497
"	- Trunk	-	-	-	-
Ontario (1)	- Trunk	2,007,072	1,737,218	2,119,456	17,718,144
Quebec (3)	- Trunk	8,537,467	6,632,361	7,596,459	57,189,893
Net Received	- Gathering	15,219,713	14,876,423	14,072,933	107,980,969
"	- Trunk	11,128,100	9,069,087	10,523,114	79,859,635
"	- Total	26,347,813	23,945,510	24,596,047	187,840,604

TABLE 4

OIL DELIVERED BY PIPE LINES, BY PROVINCE IN WHICH SHIPMENT TERMINATED
OR WAS TRANSFERRED TO OTHER CARRIERS

Province		July 1960 Barrels	June 1960 Barrels	July 1959 Barrels	YEAR TO DATE 1960 Barrels
Yukon T. (1)	- Trunk	26,750	21,237	-	164,986
British Columbia	- Trunk	2,829,348	3,694,719	3,524,282	25,687,614
Alberta (2)	- Gathering	750,742	451,292	751,991	5,037,947
"	- Trunk	1,027,168	1,502,165	1,163,186	8,174,126
Saskatchewan	- Gathering	83,532	84,123	87,845	536,610
"	- Trunk	1,435,847	1,092,008	1,567,250	10,371,114
Manitoba ^b	- Trunk	9,013,608	8,672,308	8,093,655	63,142,330
Ontario (1)	- Trunk	3,619,160	3,150,164	3,268,492	27,985,234
Quebec	- Trunk	6,956,920	5,216,235	6,413,108	46,904,266
Net Delivered	- Gathering	834,274	535,415	839,836	5,574,557
"	- Trunk ^f	24,908,801	23,348,836	24,029,973	182,429,670
"	- Total	25,743,075	23,884,251	24,869,809	188,004,227
"	- Daily average	830,422	796,142	802,252	882,649
^b	Includes deliveries to U.S. pipe lines, Grctna, Man.	8,207,616	7,936,022	7,221,658	56,817,578
^f	Includes exports -				
	via Trans Mountain Oil Pipe Line Company	1,442,970	1,550,464	1,933,747	11,082,161
	via Interprovincial Pipe Line Company	2,030,959	1,916,557	1,686,280	13,977,149

TABLE 5

SUMMARY OF PIPE LINE OPERATING STATISTICS

		July 1960	June 1960	July 1959	YEAR TO DATE 1960
Barrels Handled - Daily Average					
Gathering Systems	Barrels	520,446	522,095	478,111	533,715
Trunk Lines	"	1,242,280	1,216,315	1,177,363	1,315,067
Total Barrel Miles (Trunk Lines)	Millions	9,432	9,574	9,278	72,342
Average Miles Per Barrel (Trunk Lines)	Miles	244.9	262.4	254.2	258.3
Employees and Earnings (6)					
Average Number (4)	No.	1,616	1,605	1,611	1,561
Total Salaries and Wages	\$	828,529	820,681	800,110	5,570,009
Man-Hours Worked by Wage Earners (5) (6)	Hours	73,150	69,110	75,960	491,434

- (1) Products of refineries.
- (2) Includes natural gasoline and some refinery products.
- (3) Includes some products.
- (4) Includes salaried employees.
- (5) Includes overtime.
- (6) Excludes Amurex Oil Company; Anglo American Exploration Ltd.; Anglo-Canadian Oils Limited; Goliad Oil and Gas Company; Imperial Oil Limited, Sarnia Products Pipe Line; Key Pipe Line Co., Ltd.; Nisku Products Pipe Line Company, Limited; Peace River Oil Pipe Line Co., Ltd.; Royalite Oil Co. Ltd. (Mid-Saskatchewan Pipe Line Dept. and Valley Pipe Line Dept.) and Westspur Pipe Line Company.

TABLE 6

TRAFFIC AND OPERATING PIPE LINE STATISTICS, BY COMPANIES

July, 1960

	Imperial Pipe Line Company, Ltd.	Inter- provincial Pipe Line Company	Montreal Pipe Line Company, Ltd.	Trans Mountain Oil Pipe Line Company	Pembina Pipe Line Ltd.	Other Pipe Lines (1)	Total
TRAFFIC*							
<u>Total Received into System</u>							
This month July, 1960	2,283,772	11,104,490	6,926,639	2,984,134	3,458,004	(2) 17,426,232	44,183,271
This year (7 months)	18,654,492	77,419,843	46,898,288	25,695,946	23,548,734	(3) 123,731,354	315,948,657
<u>Total Delivered out of System</u>							
This month July, 1960	2,281,672	10,838,516	6,956,920	2,829,348	3,354,354	(4) 18,159,446	44,420,256
This year (7 months)	18,652,852	77,183,302	46,904,266	25,687,614	23,555,566	(5) 129,438,833	321,422,433
OPERATING STATISTICS							
<u>Barrels Handled - Daily Average</u>							
<u>Gathering Lines</u>							
This month July, 1960	73,602	-	-	-	111,754	335,090	520,446
This year (7 months)	87,572	-	-	-	110,389	335,754	533,715
<u>Trunk Lines</u>							
This month July, 1960	-	349,630	224,417	91,269	108,205	468,759	1,242,280
This year (7 months)	-	362,363	220,208	120,599	110,590	501,307	1,315,067
<u>Total Barrel Miles (Trunk Lines)</u>							
<u>in millions</u>							
This month July, 1960	-	5,142	491	1,892	233	1,674	9,432
This year (7 months)	-	38,524	3,309	17,265	1,639	11,605	72,342
<u>Average Miles per Barrel (Trunk Lines)</u>							
This month July, 1960	-	445.0	70.6	669.0	69.6	115.1	244.9
This year (7 months)	-	466.0	70.6	672.0	69.6	108.7	258.3
OPERATING REVENUES 1960							
<u>Dollars</u>							
Three months ended Mar. 31	714,077	8,789,463	779,434	4,673,032	1,474,516	(6) 8,500,384	24,930,906
Six months " June 30	1,286,142	16,565,038	1,381,219	9,528,922	2,960,752	(6) 16,685,894	48,407,967
Nine months " Sept. 30							
Twelve months " Dec. 31							
EMPLOYEES AND EARNINGS							
<u>Number</u>							
Employees July, 1960	105	455	51	238	139	(7) 628	1,616
<u>Dollars</u>							
<u>Salaries and Wages</u>							
This month July, 1960	56,080	238,606	27,466	128,053	69,525	(7) 308,799	828,529
This year (7 months)	393,680	1,598,445	179,181	859,358	475,302	(7) 2,064,043	5,570,009
<u>Hours</u>							
<u>Man hours Worked by Wage Earners</u>							
This month July, 1960	10,375	347	6,722	3,200	12,422	(7) 40,084	73,150
This year (7 months)	75,921	2,751	42,518	5,730	89,423	(7) 275,091	491,434

* Totals include duplication between companies.

(1) See list of reporting companies on page 7.

(2) Includes 3,885,924 bbls. products and 27,805 bbls. natural gasoline.

(3) Includes 29,922,470 bbls. products and 231,990 bbls. natural gasoline.

(4) Includes 3,739,108 bbls. products and 21,485 bbls. natural gasoline.

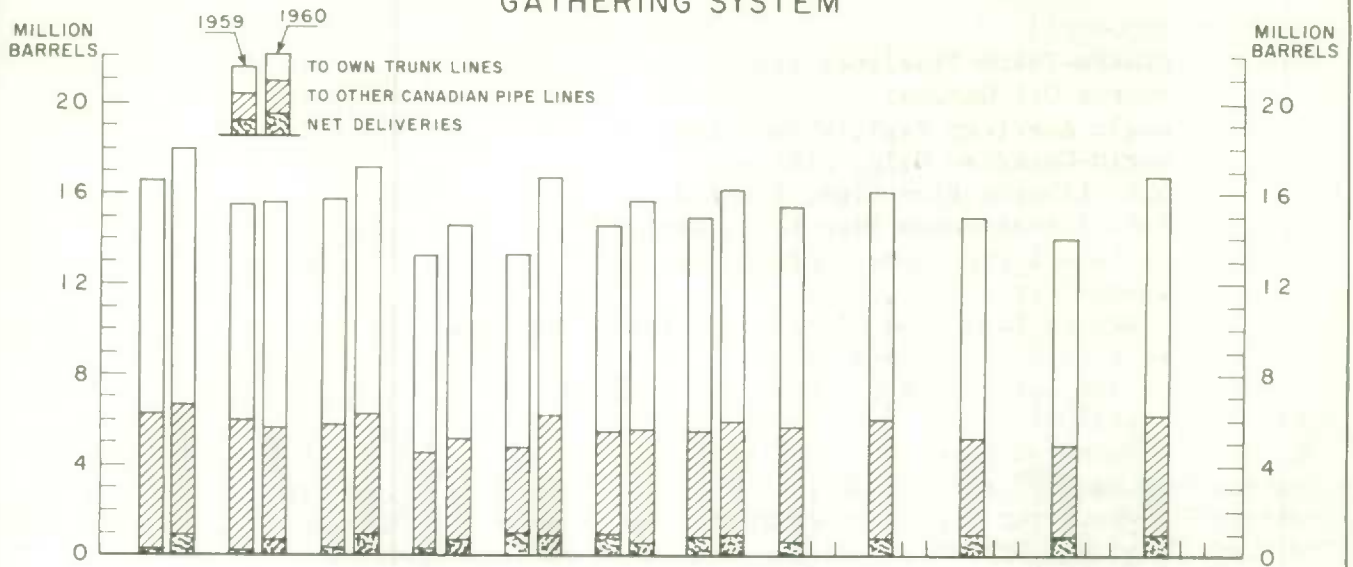
(5) Includes 28,948,743 bbls. products and 289,300 bbls. natural gasoline.

(6) Excludes Alaska-Yukon Pipelines, Ltd.; Amurex Oil Company; Anglo American Exploration, Ltd.; Goliad Oil and Gas Company; Green River Exploration Company Limited and Imperial Oil Limited, Sarnia Products Pipe Line.

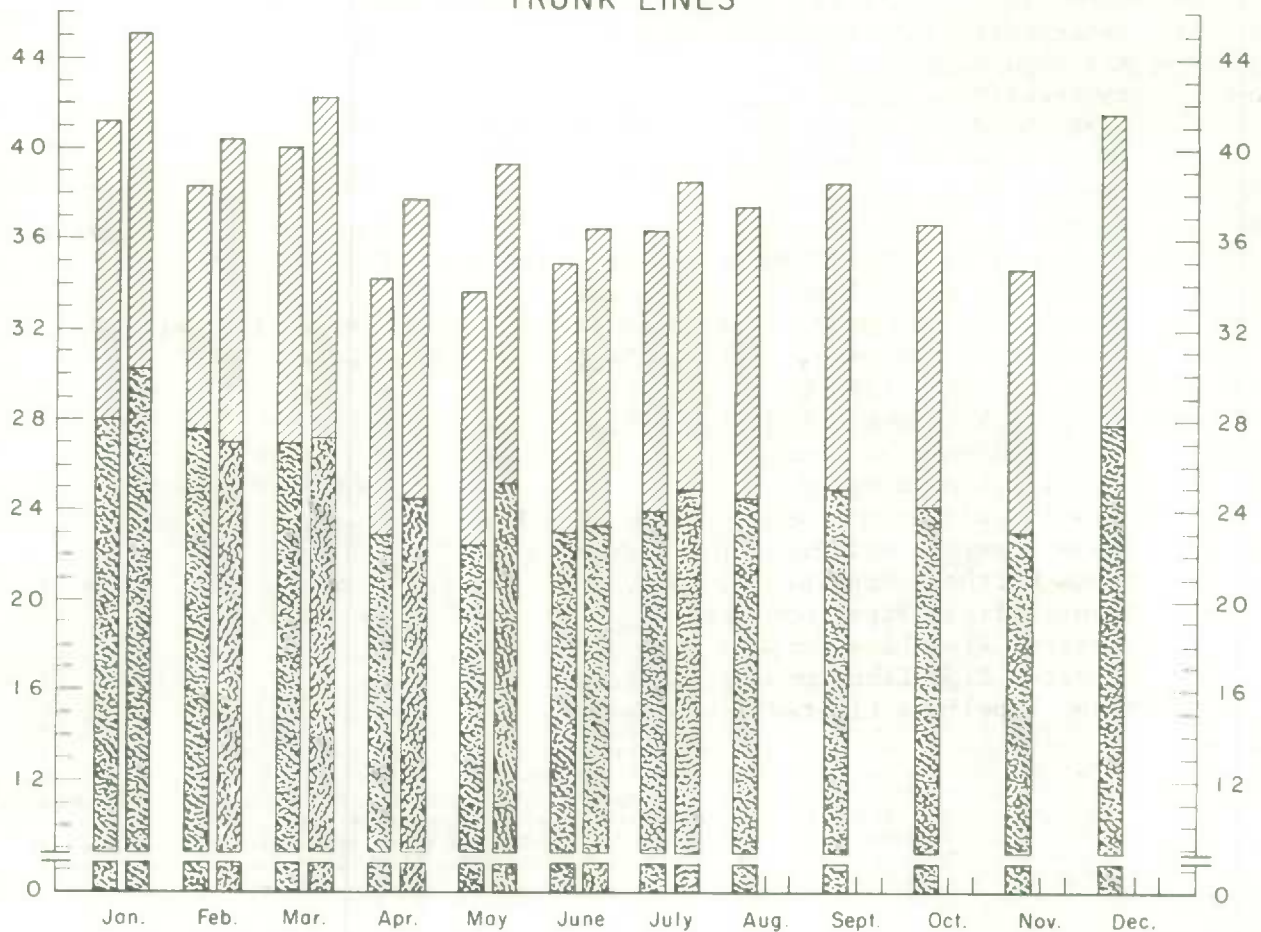
(7) Excludes Amurex Oil Company; Anglo American Exploration, Ltd.; Anglo-Canadian Oils, Limited; Goliad Oil and Gas Company; Imperial Oil Limited, Sarnia Products Pipe Line; Key Pipe Line Co., Ltd.; Nisku Products Pipe Line Company, Limited; Peace River Oil Pipe Line Co., Ltd.; Royalite Oil Co. Ltd. (Mid-Saskatchewan Pipe Line Dept. and Valley Pipe Line Dept.) and Westspur Pipe Line Company.

MONTHLY OIL DELIVERIES BY CANADIAN PIPE LINE SYSTEMS 1959 AND 1960

GATHERING SYSTEM



TRUNK LINES



List of Oil Pipe Lines Reporting

Alaska-Yukon Pipelines Ltd.
Amurex Oil Company
Anglo American Exploration, Ltd.
Anglo-Canadian Oils, Limited
B.A. Alberta Pipe Line, Limited
B.A. Saskatchewan Pipe Line, Limited
Britamoil Pipe Line Company, Limited
Devon-Palmer Oils, Ltd.
Edmonton Pipe Line Division of Pamoil Limited
Federated Pipe Lines, Ltd.
Gibson Associated Oil Company, Limited
Gibson Crude Oil Purchasing Company, Limited
Gibson Petroleum Company, Limited
Goliad Oil and Gas Company
Green River Exploration Company, Limited
Home Oil Company, Limited, Cremona Pipe Line Division
The Imperial Pipe Line Company, Limited
Imperial Oil Limited, Sarnia Products Pipe Line
Interprovincial Pipe Line Company
Key Pipe Line Co., Ltd.
Montreal Pipe Line Company, Limited
Nisku Products Pipe Line Company, Limited
Peace River Oil Pipe Line Co., Ltd.
Pembina Pipe Line, Ltd.
Producers Pipelines, Ltd.
Rangeland Pipeline Company Limited, Division of
Hudson's Bay Oil and Gas Co., Ltd.
Royalite Oil Company, Limited, Mid-Saskatchewan Pipe Line Dept.
Royalite Oil Company, Limited, Valley Pipe Line Dept.
Saskatoon Pipe Line Co., Ltd.
South Saskatchewan Pipe Line Company
Sun-Canadian Pipe Line Company, Ltd.
Sun Pipe Line Company
Texaco Exploration Company, Pipe Line Dept.
Trans Mountain Oil Pipe Line Company
Trans-Northern Pipe Line Company
Trans-Prairie Pipelines, Ltd.
Westspur Pipe Line Company
Winnipeg Pipe Line Company, Limited.
Yukon Pipelines Limited

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